

- 361 stop valve
 - 365 filter refrigerant
 - 375 solenoid valve
 - 380 gauge-glass
 - 410 expansion valve
 - 445 regulator evaporation pressure
 - 510 freezing unit
- B connection to central refrigeration system

High quality components ...

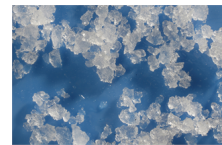
... for connection to a refrigeration system.

Main characteristics

- Capacity: 250 kg/24 h flake ice chipped type
- Production of flake ice chipped type with $-0,5\text{ }^{\circ}\text{C}$ from drinking water or demineralized water - Standard- or Microlce
- Designed for continuous operation - 24 hours - 7 days a week
- Hygienic Design: Closed watersystem - protected against contamination by external influences
- Environmental friendly technology - No moving parts in the refrigeration circuit of the evaporator- no refrigerant leakage
- For connection to a central refrigeration system - Refrigerant: upon requirement, also R744 (CO₂) is possible. (See corresponding specification)

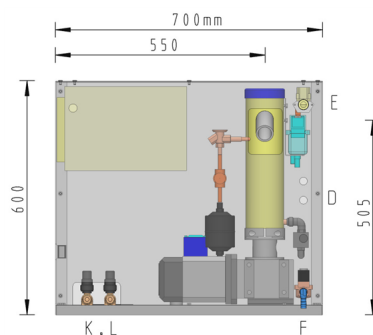
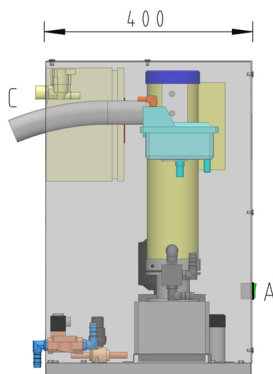


StandardIce



Microlce

Dimensions and connections



- A operating switch
- C ice discharge
- D electr. connection
- E water supply
- F water drain
- K liquid pipe
- L suction pipe

provided by customer:
 water filter
 stop cock
 electr. protection
 waste water connection (contactless)

Technical Data

	ZBE 250 EV
250 kg/24 h nominal capacity at	15 °C water temperature
cabinet dimensions (L x W x H)	40 cm x 70 cm x 60 cm
weight	40 kg
cabinet	stainless steel 1.4301
ice discharge	see specification "ice discharges"
electricity	
power consumption	0,28 kW
current consumption	1,4 A
potential-free contact	start-stop signal
provided by customer	
electric supply	1/N/PE ~ 230V 50 Hz
fuse, slow-blow	6 A
cable cross section, Cu	1,5 mm ²
signal cable	to be agreed
water	
supply / drain	3/4 " / 14 mm
provided by customer	
pressure	1 - 5 bar
quality	drinking water
pH-value	7,2 - 9,5 pH
hardness	6 - 14 °dH
temperature	100 - 250 mg CaCO ₃ /l 5 °C - 30 °C
ambient temperature	5 °C - 45 °C
cooling	
evaporator	ZBE 250
evaporation temperature	-16 °C
refrigerating capacity	1,1 kW
connection liquid pipe, Cu	10 mm
connection suction pipe, Cu	12 mm
provided by customer for the ice maker	
refrigerant	R452A / R449A / R404A etc.
refrigerant temperature	0 °C - 20 °C liquid temperature at 35 °C
evaporation temperature	condensation temperature refrigeration system < -30°C

Subject to technical modifications. In case of deviations please contact us.

Scope of supply

The ZIEGRA ice maker will be ready for connection to a refrigeration system as well as water and electricity and be delivered according to EC- standards.

ZIEGRA quality and reliability

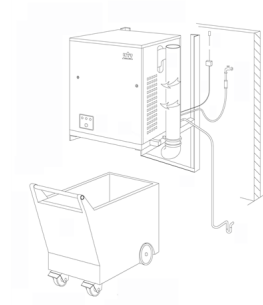
- All necessary control units for connection to a refrigeration system page 1
- Pre-wired switch box including potential-free contact, for connection to signaling cable provided at site
- 3 min. overrun to use the re-evaporation after switch-off
- Overload cut-out / thermal switch for all motors
- water supply control

Included accessories

- Switch-off by thermostat
- Flexible ice discharging hose
- Connecting cable 5 m
- Flexible hose water supply 2 m
- Water drain hose 2 m
- PE ice shovel

Options

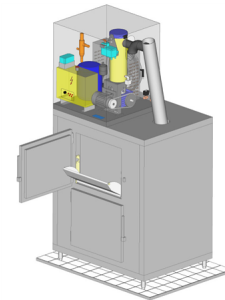
- Ice discharges in various designs, e.g. to produce
 - into a storage bin, or
 - into an ice trolley or similar
- Ice discharge at the narrow side
- Ice maker
 - for separate refrigeration unit
 - for central refrigeration system with R744 (CO2)
- Ice machine with refrigeration unit, as compact machine or split version, available as aircooled or watercooled machine.
- Ice maker with custom-size cabinet, or without cabinet
- Special voltage



Ice production into an ice trolley

Accessories

- Ice storage bins in various sizes and designs e.g. B, ITS, SG, E for manual ice removal
- HygienePlus: water drainage, flushing system, or flushing incl. disinfection
- Cartridge Water Filter reduces lime scale and germs
- UV sterilization
- ZIEGRA water softening: available for very hard water and large flow rates
- ZIEGRA gas leakage stop: protection against refrigerant leakage
- Support, wall brackets, or similar
- Melt water pump, leak water sensor and leak water tray
- Freeze protection
- additional separate operating switch
- timer for 7 days
- Restart delay
- protection against overvoltage and undervoltage
- Spare parts available for minimum for 15 years
- Global sales and service.



Ice machine with ice storage B400



Cartridge water filter 90

Technical details: please see respective machine specification. With pleasure we submit to you any further information, also regarding your special requirements